

IN THE CLAIMS:

Please amend Claims 1-24 as follows.

1. (Currently Amended) An image forming apparatus comprising:

a mounting portion on which a cartridge is detachably mountable, the cartridge being detachably attachable to image forming apparatuses having different features and having at least some of members necessary for image forming and a storage part and detachably attachable to image forming apparatuses of different features is mounted having a storage area for storing therein information relating to the amount of use of each of the image forming apparatus to which the cartridge is attached; and

a control part ~~for judging~~ configured to determine an interchange time of the cartridge according to information stored in the storage part;

wherein ~~the storage part has a storage area for storing therein information regarding a used amount in each feature of said image forming apparatuses, and said control part judges~~ determines the interchange time of the cartridge ~~in conformity with~~ based on the information of the ~~used amount in the each feature~~ amount of use of each image forming apparatus to which the cartridge was attached stored in the storage area of the storage part.

2. (Currently Amended) An image forming apparatus according to Claim 1, wherein said control part ~~requires~~ calculates information for ~~judging~~ determining the interchange time of the cartridge according to information ~~regarding a used amount in its own feature~~ relating to the amount of use of said image forming apparatus stored in the storage part and

information obtained by ~~converting~~ performing a conversion process on information ~~regarding~~
~~a used amount in the other feature than its own~~ relating to the amount of use of another image
forming apparatus.

3. (Currently Amended) An image forming apparatus according to Claim 2,
wherein the storage part further has a storage area for storing therein information
~~regarding~~ relating to a threshold value ~~conformity to~~ representing an upper limit of ~~the used~~
~~amount in each feature~~ the amount of use of each image forming apparatus to which the
cartridge is attached, and

wherein said control part compares the information for ~~judging~~ determining the
interchange time of ~~said the~~ cartridge and the information ~~regarding~~ relating to said threshold
value with each other, and ~~judges~~ determines whether the cartridge has reached the
interchange time thereof in accordance with the results of the comparison.

4. (Currently Amended) An image forming apparatus according to Claim 3, wherein
the storage part further has a storage area for storing therein history information indicating that
~~said the~~ cartridge has reached the interchange time thereof, and

wherein when said control ~~part, when it judges~~ part determines that the cartridge has
reached the interchange time thereof, said control part writes into the storage area for storing
the history information therein history information indicating that the cartridge is at the
interchange time thereof.

5. (Currently Amended) An image forming apparatus according to Claim 1, wherein the information ~~regarding~~ relating to the used amount is amount of use of each of the image forming apparatuses represents the number of recorded sheets in each of said image forming apparatuses ~~apparatus~~.

6. (Currently Amended) An image forming apparatus according to Claim 1, wherein ~~said the~~ members necessary for an image forming operation are an image bearing member, a charging member configured and positioned to charge the ~~for charging said~~ image bearing member, a cleaning apparatus configured and positioned to clean the ~~for cleaning said~~ image bearing member, and a developing apparatus configured and positioned to supply for ~~supplying~~ a developer to ~~said the~~ image bearing member.

7. (Currently Amended) An image forming apparatus according to Claim 1, wherein ~~said the~~ image forming ~~apparatus of~~ apparatuses having different features are image forming apparatuses differing from each other in a conveying interval between transferring materials on which image forming is effected.

8. (Currently Amended) An image forming apparatus according to Claim 6, wherein ~~said the~~ image forming apparatuses ~~of~~ having different features are image forming apparatuses differing from each other in a the charging process by and said charging member ~~from each other~~ employed by the image forming apparatuses.

9. (Currently Amended) An image forming apparatus according to Claim 6, wherein ~~said the~~ image forming apparatuses ~~of having~~ different features are image forming apparatuses having a transferring member for bringing a recording member into contact with said image bearing member, and differing from each other in the contact pressure of said transferring member ~~from each other~~.

10. (Currently Amended) A cartridge comprising: having at least some ~~of~~ members necessary for image forming; and a storage part,
wherein said cartridge is and detachably attachable to mounting portions of image forming apparatuses ~~of having~~ different features, each image forming apparatus to which said cartridge is detachably attachable having a control part configured to determine ~~for judging~~ an interchange time of said cartridge ~~in conformity with~~ based on information stored in said storage part,

wherein said storage part has a storage area for storing therein information ~~regarding a used amount in each feature~~ relating to the amount of use in each of the image forming apparatuses to which the cartridge is attached.

11. (Currently Amended) A cartridge according to Claim 10, wherein said storage part further has storage areas for storing therein information ~~regarding~~ relating to threshold values ~~conforming to~~ representing upper limits of ~~the used amounts in~~ the amount of use of ~~said the~~ image forming apparatuses ~~of different features~~.

12. (Currently Amended) A cartridge according to Claim 10, wherein said storage part further includes a storage area for storing therein history information indicating that said cartridge has reached ~~an~~ the interchange time.

13. (Currently Amended) A cartridge according to Claim 10, wherein said members necessary for image forming are at least an image bearing member, a charging member configured and positioned to charge ~~for charging~~ said image bearing member, a cleaning apparatus configured and positioned to clean ~~for cleaning~~ said image bearing member, and a developing apparatus configured and positioned to supply ~~for supplying~~ a developer to said image bearing member.

14. (Currently Amended) A cartridge according to Claim 10, wherein the information ~~regarding said used amount is~~ relating to the amount of use in each of the image forming apparatuses represents the number of ~~recorded~~ sheets on which an image is formed in said ~~the~~ image forming apparatuses ~~of~~ having different features.

15. (Currently Amended) A cartridge according to Claim 10, wherein ~~said~~ the image forming apparatuses ~~of~~ having different features are image forming apparatuses differing from each other in a conveying interval between transferring materials on which image forming is effected.

16. (Currently Amended) A cartridge according to Claim 13, wherein ~~said the~~ image forming apparatuses of having different features are image forming apparatuses differing from each other in a charging process by said charging member ~~from each other~~.

17. (Currently Amended) A cartridge according to Claim 13, wherein ~~said the~~ image forming apparatuses of having different features are image forming apparatuses having a transferring member for bringing a recording member into contact with said image bearing member, and differing from each other in the contact pressure of ~~said the~~ transferring member ~~from each other~~.

18. (Currently Amended) A storage medium carried on a cartridge having at least some of members necessary for image forming and a storage part, and detachably attachable to the mounting portions of image forming apparatuses ~~of having~~ different features, said storage medium having a storage area for storing therein information ~~regarding a used amount in each feature~~ relating to the amount of use of each image forming apparatus to which the cartridge is attached.

19. (Currently Amended) A storage medium according to Claim 18, further having storage areas for storing therein information ~~regarding~~ relating to threshold values ~~conforming to representing~~ the upper limits of ~~used amounts in~~ the amount of use of the ~~said~~ image forming apparatuses ~~of different features~~.

20. (Currently Amended) A storage medium according to Claim 18, further having a storage area for storing therein history information indicating that ~~said~~ the cartridge has reached an interchange time.

21. (Currently Amended) A storage medium according to Claim 18, wherein ~~said~~ the members necessary for image forming are at least an image bearing member, a charging member configured and positioned to charge ~~for charging~~ said the image bearing member, a cleaning apparatus configured and positioned to clean ~~for cleaning~~ said the image bearing member, and a developing apparatus configured and positioned to supply ~~for supplying~~ a developer to ~~said~~ the image bearing member.

22. (Currently Amended) A storage medium according to Claim 18, wherein ~~said~~ the image forming apparatuses ~~of~~ having different features are image forming apparatuses differing from each other in a conveying interval between transferring materials on which image forming is effected.

23. (Currently Amended) A storage medium according to Claim 21, wherein ~~said~~ the image forming apparatuses ~~of~~ having different features are image forming apparatuses differing from each other in a charging process by ~~said~~ the charging member ~~from each other~~.

24. (Currently Amended) A storage medium according to Claim 21, wherein ~~said~~ the image forming apparatuses having ~~of~~ different features are image forming apparatuses having

a transferring member for bringing a recording member into contact with ~~said~~ the image bearing member, and differing from each other in the contact pressure of ~~said~~ the transferring member ~~from each other~~.